

# Level of Service Criteria

- Level of Service (LOS) is an estimate of congestion and performance of the transportation system
- Letter designations A (best) through F (worst)
- Based on national methodology and standards

# Level of Service Ratings for Signalized and Unsignalized Intersections

LOS Rating	Average Delay for Signalized Intersections (seconds/vehicle)	Average Delay for Unsignalized Intersections (seconds/vehicle)
A	0 – 10	0 – 10
B	> 10 – 20	> 10 – 15
C	> 20 – 35	> 15 – 25
D	> 35 – 55	> 25 – 35
E	> 55 – 80	> 35 – 50
F	> 80	> 50

Source: Highway Capacity Manual (TRB 2000).

# Level of Service Ratings for Arterial Segments

<b>LOS Rating</b>	<b>Arterial Travel Speeds<sup>1</sup></b>	<b>Volume to Capacity Ratio (FDOT Method)<sup>2</sup></b>
A	>25 MPH	n/a
B	19 - 25 MPH	0.00 - 0.12
C	13 -19 MPH	0.12 - 0.75
D	9 – 13 MPH	0.75 - 0.95
E	7 – 9 MPH	0.95 – 1.00
F	≤ 7 MPH	>1.00

<sup>1</sup> Source: Highway Capacity Manual (TRB 2000) . Arterial LOS is determined by urban street classification and free flow speeds. Values indicated are for an arterial with a free flow speed of 30 mi/h.

<sup>2</sup> V/C ratio controlled by arterial classification, channelization, and number of signalized intersections per mile. Volume to capacity ratios are for facilities with 2.00 to 4.50 signalized intersection per mile.